

Date: Tue, 26 Apr 94 21:04:52 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #460
To: Info-Hams

Info-Hams Digest Tue, 26 Apr 94 Volume 94 : Issue 460

Today's Topics:

 10Mhz WWV Receiver Antenn
 2m Backpacking Antennas
 8122 amplifier tubes
 ARRL Letter Hilites April 13 94
 Crawfish Net
dual band: is (one of) Yaesu, Icom, or Kenwood a good choice?
 Hallicrafters Parts Source
 Hamfest Help
 Info on CES, CSI patch vendors?
 IPS Daily Report - 25 April 94
Looking for any and all info on LoJak
 Looking for books
 Obtaining a MARS lisc
 Request info on SKYWARN, please
scanner better than TV for disasters! (2 msgs)
 What are the dimensions for a 2m J-pole?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Apr 94 15:53:00 GMT
From: dog.ee.lbl.gov!agate!iat.holonet.net!svarbbs!
darryl.linkow@ucbvax.berkeley.edu
Subject: 10Mhz WWV Receiver Antenn
To: info-hams@ucsd.edu

RGS>I recently acquired a "Heath Most Accurate Clock II" (I was surprised they

RGS>were still in business) and I am having a problem with reception. The unit
Might you have an address and/or phone number for Heath?

* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

Date: 26 Apr 94 05:33:40 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2m Backpacking Antennas
To: info-hams@ucsd.edu

Has anyone built the "one pounder" Log-periodic 2m antenna
described in the 1994 ARRL Handbook ...

Or the 2m portable yagi described in "Radio Fun" this month ...

Or some other easy-to-carry 2m HT antenna they swear by?

Its springtime, I've dusted off my hiking/camping gear, and
I'm ready to go walking with my radio and I want to make
a new antenna to field test.

I now use a homebrew wire j-pole ("j-wire") which
works well and is only a few ounces. I'll supply
dimensions and other details on request to my
e-mail address below.

Tell me about what YOU use !

/***
Gary W. Thorburn gthorbur@ub.com KD1TE
***/

Date: 26 Apr 94 21:29:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: 8122 amplifier tubes
To: info-hams@ucsd.edu

Anyone know a source and cost for new 8122 power amplifier tubes used in the
old NCL-2000 amp??

TNX gary
AA4UR

patterso@anser.org

Date: 26 Apr 94 15:52:26 GMT
From: netcomsv!netcom.com!marcbg@decwrl.dec.com
Subject: ARRL Letter Hilites April 13 94
To: info-hams@ucsd.edu

Hilites from the ARRL's THE ARRL LETTER, April 13 1994

* FCC ORDERS RE-TESTS OF 59 AMATEURS - The FCC has ordered 59 amateur licensees to be re-examined on examination elements passed at examination sessions coordinated by the ARRL-VEC in southern Californin between late 1992 and mid-1993.

The FCC told all 59 that apparent irregularities indicated that the exam sessions were compromised.

"Specifically", the FCC said, "the irregularities on your examination papers indicate that you were apparently given access to the exact (answer) key used by the volunteer examiners."

The FCC gave the 59 amateurs 60 days in which to re-take the exams, at any session coordinated by the Greater Los Angeles Amateur Radio Group, and said that no VE present at the suspect sessions was allowed to administer a re-examination.

Failure to pass the re-exams will result in license class change, loss of call sign, or loss of license entirely, as appropriate, the FCC said.

In the course of cooperating with the FCC's Private Radio Bureau in its investigation, the ARRL-VEC suspended the accreditation of 16 volunteer examiners.

* WASHINGTON GETS LAW ON TOWERS AND ANTENNAS - Washington State has new legislation to protect amateurs. On March 23, the governor signed Senate Bill 5697, a bill that will, according to its backers, limit the ability of municipalities to enact antenna and tower regulations, by pointing out the federal pre-emptions of the FCC's PRB-1. Credited with promoting this legislation were Dr. Ralph Shumaker, WX7T, and members of the Mike and Key Club of Seattle, according to ARRL State Government Liaison Frank Price, KD7AC.

* Again this year the new edition of the ARRL REPEATER DIRECTORY will debut at the Dayton HamVention. The 1994-95 edition has been reorganized for easier use "on the run," and has more than 20,000 listings of FM repeaters, packet systems, and propagation beacons.

* Check those DXCC application forms; the current form is MSD-505 (194) for all new and endorsement applications. Please DO NOT use older formas, as they lack spaces for critical information needed for processing at HQ. And business is up again in the ARRL DXCC Branch. In March, 1127 applications for new awards and endorsements were received, and for the first three months of 1994 applications are up by 18%, QSLs by 48%, over 1993. Turn-around time is about three and a half weeks.

* ARRL affiliated clubs are asked to PLEASE advise HQ (or your local Affiliated Club Coordinator, ed) when your club officers or their addresses change, so we can effectively support your efforts. We can't help you if we can't find you!

* The Amateur license application backlog is on the rise again at the FCC: on Feb 1, 8543 were pending, and on Feb 28 there were 12,868 awaiting action, according to ARRL-VEC Manager Bart Jahnke, KB9NM, who also says turnaround time in Gettysburg is hovering around the FCC's self-imposed maximum of 90 days.

* The FCC has reaffirmed a \$17,500 fine against a Chambersburg, Pennsylvania man Andrew R. Yoder who the Commission says "willfully and repeatedly" operated an unlicensed broadcast station on 7415 KHz in 1990 and 1991. Yoder had filed an application for review of the May 1992 FCC forfeiture order; in March the FCC denied the application and gave Yoder 30 days to pay the fine.

In Florida, the FCC issued Notices of Apparent Liability to three Citizen's Band operators, for violations including using illegal power amplifiers. The fines were for \$1000, \$1500, and \$4000.

The FCC also released a list of eight individuals cited recently for violations including "operating radio stations without proper authorization and operating on unauthorized frequencies." The fines ranged from \$250 to \$6400. No other details were given.

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Marc Grant
home: marchbg@netcom.com work: marchbg@esy.com

Pager : 214-246-1150
Amateur Radio N5MEI

Date: 26 Apr 94 14:23:26 GMT
From: news-mail-gateway@ucsd.edu
Subject: Crawfish Net
To: info-hams@ucsd.edu

Jeff,

The South La. Crawfish Net meets every night at 8:00 p.m. on 28.400. If the freq is busy, they move up in 5 kc increments. It consist of the local group of guys from the Thibodaux-Houma, La. area. It was started to create a little activity on 10 mtrs during the low activity of the sunspot cycle. They also have a cw net nightly on 28.350 at 7:30 p.m. Only a few guys check in on this one if any!!

When the band opens up a little, there are sometimes 4 QSOs on the same frequency so they tend to ignore any background conversations. You may have been heard but yet ignored as another QSO on the freq. Try it again!!!

73's Evert WA5OJI

p.s. Times are Central Standard Time

Date: 26 Apr 94 20:52:06 GMT
From: sdd.hp.com!col.hp.com!csn!jwdxt@hplabs.hp.com
Subject: dual band: is (one of) Yaesu, Icom, or Kenwood a good choice?
To: info-hams@ucsd.edu

Clinton Peebles (clinton.peebles@kbsbbs.com) wrote:

: To: pone@renzland.org

: P>Hi. I'd appreciate some pointers as far as the relative quality of dual band
: P>handheld transceivers. I've seen units by Yaesu, Kenwood, and Icom (the FT-
: P>0,
: P>TH78A, and IC-W2AT). And I was wondering if there were significant differenc
: I have an ICOM W21AT and it's great. With a keyboard mod., it can
: receive from 50MHz - 999MHz. Will work as a cross-band repeater, you
: can monitor 2m/2m, 2m/70cm, or 70cm/70cm. Great little radio. The
: March/94 issue of QST did a review of dual band hand helds.

: * QMPro 1.52 * No, I'm NOT an Extended Character.

I sure have enjoyed this thread. I just got my ticket and in about two weeks I'm going down to HRO to buy either the FT-530 or the TH78 and I still haven't decided. I hope those of you with experience on these rigs will keep it up for a few more days...

Jim Deeming

KBØMED

Date: Fri, 22 Apr 1994 17:37:01 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!EU.net!
sunic!psinntp!psinntp!gdc!esun179!horzepa@ames.arpa
Subject: Hallicrafters Parts Source
To: info-hams@ucsd.edu

Is anyone aware of a source for Hallicrafters radio parts? If so, please enlighten me.

Thanks much and 73,

Stan, WA1LOU

--
Stan Horzepa ~ phone: 203-758-1811 x7369
Technical Writing Supervisor ~ email: horzepa@gdc.com
General DataComm, Inc. ~ radio: WA1LOU
P. O. Box 1299 ~ packet radio mail: WA1LOU@N4GAA
Middlebury, CT 06762-1299 ~ TCP/IP packet radio: 44.88.4.8

~~~~~ What! - Me Worry? ~~~~~

-----  
Date: 26 Apr 1994 05:25:32 GMT  
From: sgiblab!uhog.mit.edu!bloom-beacon.mit.edu!senator-bedfellow.mit.edu!  
w1gsl@ames.arpa  
Subject: Hamfest Help  
To: info-hams@ucsd.edu

Hi Clark

<Anybody know when the Rochester (used to be Dearfield), New  
<Hampshire hamfest is going to be?????

The Hosstraders fest is set for Fri May 6th and Sat May 7th.  
It opens at 9AM for \$20 per person. After 3PM the rate drops to

^^^ ^^^^^^^^^^^^^^^ ^^^

\$5 per person. You will not be admitted prior to 9AM.

^^^^^^^^^^^^^^

The Hosstraders hamfest will be at the Rochester NH Fairgrounds located off Rt 16 exit 13. Take 202 east from rt 16 the FG is about 2 blocks south of rt 202.

As a reminder both Ham and Commercial Radio Exams will be given on Saturday afternoon.

73 Steve F  
W1GSL

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Date: 26 Apr 1994 15:40:45 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!sol.ctr.columbia.edu!news.cs.columbia.edu!news.boxhill.com!hill!ken@network.ucsd.edu  
Subject: Info on CES, CSI patch vendors?  
To: info-hams@ucsd.edu

Does anyone know the phone number, or address, or even town for the following vendors of telephone interconnect (autopatch) equipment?:

Connect Systems Inc.  
and/or  
CES

Any help appreciated! Kindly cc: responses to ken@boxhill.com  
73  
ken@boxhill.com

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Date: Mon, 25 Apr 1994 23:12:32 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!sunic!trane.uninett.no!nac.no!ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!rwc@network.ucsd.edu  
Subject: IPS Daily Report - 25 April 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 25/2330Z APRIL 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 25 APRIL AND FORECAST UP TO 28 APRIL

IPS Warning 12 will be issued later today for expected

recurrent disturbance commencing April 28/29.

-----  
1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 083/024

1B. SOLAR FORECAST

|          | 26 April      | 27 April      | 28 April      |
|----------|---------------|---------------|---------------|
| Activity | Low           | Very low      | Very low      |
| Fadeouts | None expected | None expected | None expected |

Forecast 10.7 cm flux/Equivalent Sunspot Number : 081/022

1C. SOLAR COMMENT

None.  
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2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

| Estimated Indices : | A  | K         | Observed A Index | 24 April |
|---------------------|----|-----------|------------------|----------|
| Learmonth           | 07 | 3232 1111 |                  |          |
| Fredericksburg      | 06 |           | 08               |          |
| Planetary           | 07 |           | 08               |          |

Observed Kp for 24 April: 2233 2212

2B. MAGNETIC FORECAST

| DATE   | Ap | CONDITIONS           |
|--------|----|----------------------|
| 26 Apr | 10 | Quiet to unsettled.  |
| 27 Apr | 10 | Quiet to unsettled.  |
| 28 Apr | 20 | Unsettled to active. |

2C. MAGNETIC COMMENT

Recurrent geomagnetic activity expected to commence late on the 28th. The southern coronal hole which seems to be the cause of this lengthy activity is rounding the east limb of the Sun. Active to minor storm periods are expected 29 April - 1 May, with active periods up to 11 May.

3A. GLOBAL HF PROPAGATION SUMMARY

|      | LATITUDE BAND |        |      |
|------|---------------|--------|------|
| DATE | LOW           | MIDDLE | HIGH |



25 Apr        normal                normal                normal

PCA Event : None.

### 3B. GLOBAL HF PROPAGATION FORECAST

#### LATITUDE BAND

| DATE   | LOW    | MIDDLE | HIGH |
|--------|--------|--------|------|
| 26 Apr | normal | normal | fair |
| 27 Apr | normal | normal | fair |
| 28 Apr | normal | fair   | poor |

### 3C. GLOBAL HF PROPAGATION COMMENT

Conditions expected to remain normal until April 28. Conditions at high latitudes are expected to deteriorate after local night on the 28th.

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### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 25 April: 47

Predicted Monthly T Index for April is 40.

### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

| DATE   | T-index | MUFs                           |
|--------|---------|--------------------------------|
| 26 Apr | 45      | Near predicted monthly values. |
| 27 Apr | 45      | Near predicted monthly values. |
| 28 Apr | 45      | Near predicted monthly values. |

### 4C. AUSTRALIAN REGION COMMENT

Degraded HF comms conditions expected after April 28.

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|                                            |                              |
|--------------------------------------------|------------------------------|
| IPS Regional Warning Centre, Sydney        | IPS Radio and Space Services |
| email: rwc@ips.oz.au    fax: +61 2 4148331 | PO Box 5606                  |
| RWC Duty Forecaster    tel: +61 2 4148329  | West Chatswood NSW 2057      |
| Recorded Message        tel: +61 2 4148330 | AUSTRALIA                    |

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Date: 26 Apr 94 14:13:59 GMT

From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!moe.ksu.ksu.edu!

wizard.uark.edu!comp!plaws@ucbvax.berkeley.edu

Subject: Looking for any and all info on LoJak

To: info-hams@ucsd.edu

bscott@bnext.gatech.edu (Ben Scott) writes:

>I am looking for information about LoJak auto recovery system. I am  
>interested in how it works, what frequency/ies it uses, how it is

Ben, Post to rec.radio.scanner. There is an ongoing thread about LoJack  
over there.

The most common freq seems to be 173.075 MHz. Look for the 4 antenna  
Doppler array on your neighborhood cruiser. Inside you'll find a  
dash-mounted panel with a multi-digit display and a ring of LEDs. Once  
the system is activated (by LoJack triggering the beacon), the VIN shows  
up on the dash and the LEDs point the way.

MA, NJ, FL, DC, and others have the system. Again follow the thread over  
on r.r.s for more details.

Peter Laws,  
Associate Editor - Arkansas,  
RCMA \_Scanner Journal\_,

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<  
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

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Date: 23 Apr 94 02:02:27 GMT  
From: agate!library.ucla.edu!psgrain!reuter.cse.ogi.edu!netnews.nwnet.net!  
news.u.washington.edu!HILDE.nurse.washington.edu!bobburr@ucbvax.berkeley.edu  
Subject: Looking for books  
To: info-hams@ucsd.edu

When I was much younger I used to check out books  
from the library that featured a teen age amateur  
radio operator whose call sign was, to the best of  
my memory, k6atx. The young hero lived in California  
and had lots of adventures (along the lines of the Hardy  
Boys). Usually he ended up being trapped by a drug  
smuggler, but always escaped because of his knowledge of  
amateur radio. I remember in one episode he turned a  
grid dip meter and a length of wire into a transmitter  
to send an SOS. His chums then did direction finding to  
lead the police right to the villan's lair.

I've been trying to get a lead on these charming  
works of juvenile literature, and if anyone knew  
author/title/publisher information, I would be grateful  
to learn of it.

Thanks,

Bob Burr  
bobburr@u.washington.edu

-----  
Date: 25 Apr 94 15:51:00 GMT  
From: dog.ee.lbl.gov!agate!iat.holonet.net!svarbbs!  
darryl.linkow@ucbvax.berkeley.edu  
Subject: Obtaining a MARS lisc  
To: info-hams@ucsd.edu

CG>Any Technician or above (Novice class has to upgrade within  
CG>one year) can apply to the state MARS director for each service  
CG>(Army, Navy/Marine or Air Force). If you will send me what  
CG>state you live in and what service you wish to be affiliated  
CG>with, I will attempt to put you contact with that state's MARS  
CG>director.

I am new to amateur radio (still waiting for my license to come in  
the mail!). Please explain what MARS is, and why I would want to  
be affiliated with a particular service. I live in California.

\* OLX 2.2 \* Darryl Linkow (818)346-5278 9 am - 5 pm PDT

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Date: 26 Apr 1994 08:21:02 -0400  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.ans.net!hp81.prod.aol.net!  
search01.news.aol.com!not-for-mail@network.ucsd.edu  
Subject: Request info on SKYWARN, please  
To: info-hams@ucsd.edu

In article <24APR94.09061990@pattie.wellesley.edu>,  
dfarquharson@pattie.wellesley.edu (DOUG) writes:

Doug.... we have an active SkyWarn program here in Eastern Massachusetts! We  
meet when activated on the Waltham 146.64 MHz repeater.

In the past we have a representative at Logan and then have a NCS located  
outside of the NWS facility. The ham at NWS-Logan would monitor the traffic,  
while the NCS conducted the operation.

With the move away from Logan to a new doppler radar site in Taunton... we will  
be experiencing some changes this year. Several of us will be meeting in  
Taunton tomorrow afternoon to discuss the nitty-gritty and make sure we have  
smooth transistion. All of our equipment has been moved out of the NWS-Logan

office to Taunton and installed... new NCSs and on-site hams are being trained.

Stay tuned.

73 for now.... c u on the shortwaves

Terry Stader - KA8SCP

America Online Ham Radio Club Host

Macintosh Amateur Radio List Maintainer

ARRL EMAS Section Emergency Coordinator

Internet: tstader@aol.com (e-mail) or

p00489@psilink.com (binaries/files >28K)

KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

ka8scp@ka8scp.ampr.org [44.56.4.82] Mac

[44.56.4.120] DOS Clone

(they're BOTH pc's!)

-----  
Date: 26 Apr 94 22:51:41 GMT

From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-mail@ucbvax.berkeley.edu

Subject: scanner better than TV for disasters!

To: info-hams@ucsd.edu

[ Article crossposted from rec.radio.scanner ]

[ Author was ron miller (ron@fc.hp.com) ]

[ Posted on Tue, 26 Apr 1994 14:40:34 GMT ]

Charles Copeland (copeland@metronet.com) wrote:

<<<< tornado/wx emergency being dealt with by hams >>>>

: My opinion of hams has changed. I used to think it was somewhat a  
: useless hobby, where all people talked about was radio equipment.

: My hats off to all you hams out there.

2 years ago we had some severe storms move thru our local area. For the first time in 10 years the wife and I moved ourselves and our parrots into the basement just in case.

I brought two scanners: 1 to follow the tornado chasers and 1 to track what the municipal agencies were doing. There were funnel clouds all around us when you integrated all the info.

The tornado chasers certainly do everyone a large service and it isn't boring!!!!!! (Who \*says\* ham radio is only a bunch of old geezers

putting each other to sleep?)

Scanning: an addictive hobby that'll put you about 5 jumps ahead of the news.

Ron Miller

NW0U (not a tornado chaser)

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|                      |      |                                |
|----------------------|------|--------------------------------|
| Bob Wilkins          | work | bwilkins@cave.org              |
| Berkeley, California | home | rwilkins@ccnet.com             |
| 94701-0710           | play | n6fri@n6eeg.#nocal.ca.usa.noam |

-----  
Date: 26 Apr 94 22:51:32 GMT

From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-mail@ucbvax.berkeley.edu

Subject: scanner better than TV for disasters!

To: info-hams@ucsd.edu

[ Article crossposted from rec.radio.scanner ]

[ Author was Charles Copeland (copeland@metronet.com) ]

[ Posted on Tue, 26 Apr 1994 05:55:58 GMT ]

Tonight we had a terrible storm with large hail and multiple tornados. The towns of Desoto and Lancaster were heavily damaged.

I tuned in the ham frequencies (144-148, 440-448) and found a repeater the hams were concentrating on their reports of conditions. I was impressed.

As the 10pm news reported on hail damage reports, the hams were screaming rapid fire reports of exact location of a twister on the ground (locating it by watching power lines short out in the darkness). One ham was tracking the storm while driving through 1" hailstones, but continued on despite intense damage to his vehicle. You could hardly hear him through the hail pounding the car.

As the TV news talked of window damage, the hams were reporting vehicles flipped upside down wrapped up in power lines.

The repeater channel was moderated by one ham and well organized. They soon had to split the action to a storm tracing channel and a first aid channel.

The action went on far into the night. All power and telephone lines were taken out and police and ambulances totally depended on the hams.

My opinion of hams has changed. I used to think it was somewhat a

useless hobby, where all people talked about was radio equipment.

My hats off to all you hams out there.

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|                      |      |                                |
|----------------------|------|--------------------------------|
| Bob Wilkins          | work | bwilkins@cave.org              |
| Berkeley, California | home | rwilkins@ccnet.com             |
| 94701-0710           | play | n6fri@n6eeg.#nocal.ca.usa.noam |

-----  
Date: 26 Apr 94 01:32:54 GMT  
From: dog.ee.lbl.gov!agate!news.ucdavis.edu!dale.ucdavis.edu!  
ez045506@ucbvax.berkeley.edu  
Subject: What are the dimensions for a 2m J-pole?  
To: info-hams@ucsd.edu

Thanks for every one's help. My 2m J-pole is working great now!  
For your information, the dimensions I finally wound up with are  
as follows:

Long side: 61-3/8 inches (measured from end to tube center)  
Short side: 20-5/8 inches (ditto)  
Gap: 3-1/16 inches (measured from tube center to tube center)  
Feedpoint: 3-1/2 inches (measured from tube center)

SWR results:

|            |     |
|------------|-----|
| 144.010MHz | 1.4 |
| 146.000MHz | 1.2 |
| 147.000MHz | 1.1 |
| 147.990MHz | 1.3 |

Thanks again for all the help.

Timothy        tjmcnulty@ucdavis.edu        N6HFS

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End of Info-Hams Digest V94 #460  
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